

ABSTRACT OF THE DISCLOSURE

VAPOR ANALYSIS APPARATUS AND METHOD

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A vapor analysis system comprising a vapor analyzer capable of collecting and analyzing a vapor sample for detection of a compound that may be contained within the vapor sample. A controller is coupled to the vapor analyzer. The controller is programmed to produce an indicator signal indicative of a relative concentration of the 10 compound detected by the vapor analyzer within the vapor sample. A sample probe includes a housing containing a vapor channel through which the vapor sample is collected, and a vapor cable couples the sample probe to the vapor analyzer to allow collection and channeling of the vapor sample to the vapor analyzer. A multi-dimensional user indicator is disposed on the housing of the sample probe receives and 15 operates in response to the indicator signal to indicate the relative concentration of the compound detected within the vapor sample for presentation via a multi-directional stimulus to a user of the vapor analysis system. Users are able to create user-defined fields in a route entry database and are able to edit route entries while using the vapor analysis system in the field.